

ingenico

OPEN/1500

Steathy, powerful and scalable contactless module to fit any transport project



- Designed for Open Payment by meeting transport & payment requirements
- Integrated easily & sleekly in plastic embedded validator (bus, tramway, train, ferries...)
- Complies with transport & payment standards thanks to a dedicated compliant contactless reader
- Enable new use cases such as contactless tickets, mobiles or IoT and closed-loop card

The best of transport and payment worlds to meet all your Open Payment requirements.

All contactless payment methods supported

- Close loop cards (Mifare®, Desfire®...) and contactless tickets
- Payment method (Visa, Mastercard, Amex) including transit versions

Easy mechanical integration and maintenance:

- Flush and stealthy integration in a bus, a tramway, a train or a ferry in validators, kiosks or driver consoles (plastic casing)
- Compact form factor

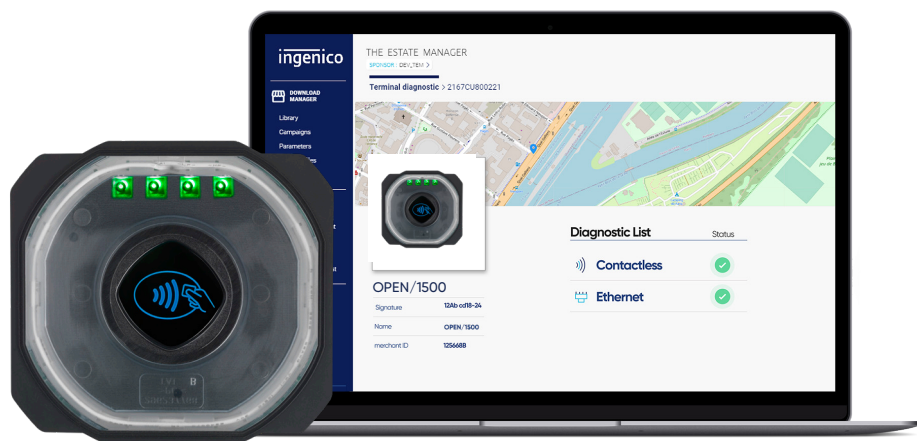
Highest level of security with PCI PTS certification

Transportation version

- Compliant with automotive and railways standards
- Additional removable battery to preserve internal battery during all reader lifetime

Consumer version

- Fit for toll, access control, EV charging
- Power Over Ethernet for an easy integration



Supported by Ingenico's suite of services

- Fleet management & security solutions
- Hardware services
- Professional services

Specifications

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|-----------------------|---|-----------------------|------------------------------------|--|-------------|
| Processor/OS | <ul style="list-style-type: none">• Cortex A5 - Telium TETRA | ✓ | IP | <ul style="list-style-type: none">• IP 65 | ✓ |
| Memory | <ul style="list-style-type: none">• 512 MB Flash, 512 MB RAM• MicroSD up to 32GB | ✓ ✓ | IK | <ul style="list-style-type: none">• IK 10 | ✓ |
| Contactless readers | <ul style="list-style-type: none">• EMV Contactless L1 3.1 certified / support ISO 14443• ISO 18 092 (reader mode) | ✓ ✓ | Terminal size | <ul style="list-style-type: none">• 75.5 (W) x 72 (H) x 37(D) mm (2.9x2.8x1.5") | ✓ |
| SAM | <ul style="list-style-type: none">• 4xSAM ID-000 ISO 7816 (High Speed protocol) | ✓ | Weight | <ul style="list-style-type: none">• 134 g (4.7oz) | ✓ |
| User interface | <ul style="list-style-type: none">• RVB backlit landing zone• 4 RVB LEDs | ✓ ✓ | Operation conditions | <ul style="list-style-type: none">• Relative humidity: 95% non-condensing at 40°C• External temperature range: -20°C to +70°C (-4°F to 158°F) for consumer product• External temperature range: -20°C to +55°C (-4°F to 131°F) for transportation (automotive, railways) product | ✓ ✓ ✓ |
| Audio | <ul style="list-style-type: none">• Buzzer Monotone• Polyphonic sound with external loudspeakers | ✓ ✓ | Storage conditions | <ul style="list-style-type: none">• 95% non-condensing at 55°C• External temperature range: -20°C to +70°C (-4°F to 158°F) | ✓ ✓ |
| Power Supply | <ul style="list-style-type: none">• 12V - 24V DC• Power over ethernet up to 48V DC (consumer version only) | Option Option | Specific to transportation version | <ul style="list-style-type: none">• Additional removable battery to avoid any internal battery change during the product's lifetime | ✓ |
| Terminal Connectivity | <ul style="list-style-type: none">• Ethernet 10/100, 1 x RJ45 LAN port | ✓ | Specific to consumer version | <ul style="list-style-type: none">• LAN with Power over Ethernet (PoE) - up to 48V DC | ✓ |
| Terminal Connections | <ul style="list-style-type: none">• 1 x USB Slave• 2 x USB Host• 2 x RS232• I/O isolated ports (2 x inputs + 2 x outputs)• 1 x 2 PIN connector for external loudspeaker | ✓ ✓ ✓ ✓ ✓ | Accessory | <ul style="list-style-type: none">• Plastic piece for rounding the landing zone (cabocho)• 6 points to 2 points connector adapter (for 12V PSU) | ✓ ✓ |
| Security | <ul style="list-style-type: none">• PCI PTS 6 certified | ✓ | | | |

